

# Lighting

**PHILIPS** 

## RoadCharm

### BRP471 LED 145/NW 110W 220-240V DME

RoadCharm, 14500 lm, 110 W, 740 neutral white, Safety class I, Side-entry for diameter 48 to 60 mm

Developed with the aim to become your long term partner ,the system ready architecture of RoadCharm enables you to enjoy the benefits of connected lighting systems today and also gets the city ready for the innovations to come. It is designed to achieve better light uniformity and a maximum spacing between poles for both pedestrian and vehicle road applications. With its die-cast aluminum housing and Philips LED platform, it is easy to maintain, has a long lifetime, and a consistency you can count on. It also offers 2 housing sizes and a range of beam optics to fully cater to different road configurations and conditions. RoadCharm offers 50% energy savings compared to conventional lamp systems, making it the perfect sustainable lighting solution for any emerging metropolis.

#### **Product data**

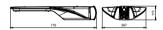
General Information		
Light source replaceable	No	
Driver included	Yes	
Light source engine type	LED	
CE mark	CE mark	
Flammability mark	For mounting on normally flammable surfaces	
ENEC mark	-	
Light Technical		
Luminous Flux	14,500 lm	
Standard tilt angle posttop	-	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	130 lm/W	

Color rendering index (CRI)	>70	
Light source color	740 neutral white	
Optical cover type	Polycarbonate micro lens optic	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 or 60 Hz	
Power Consumption	110 W	
Power Factor (Fraction)	0.9	
Connection	Mains outlet socket	
Cable	-	

#### RoadCharm

	Mech. impact protection code	
	Mech. Impact protection code	IK08 [5 J vandal-protected]
-40 to +50 °C	Surge Protection (Common/Differential)	Luminaire surge protection level until 15 kV
		differential mode and 15 kV common mode
	Protection class IEC	Safety class I
No		
-	Initial Performance (IEC Compliant)	
No	Luminous flux tolerance	+/-10%
	Initial chromaticity	(0.38, 0.38) SDCM < 5
	Power consumption tolerance	+/-10%
Aluminum die cast		
Polycarbonate	Product Data	
Polycarbonate	Order product name	BRP471 LED 145/NW 110W 220-240V DME
Gray	Full product name	BRP471 LED 145/NW 110W 220-240V DME
Side-entry for diameter 48 to 60 mm	Full product code	872016972473000
Ball, globular	Order code	911401658705
Clear	Material Nr. (12NC)	911401658705
719 mm	Numerator - Quantity Per Pack	1
367 mm	EAN/UPC - Product/Case	8720169724730
111 mm	Numerator - Packs per outer box	1
0.23 m²	EAN/UPC - Case	8720169724730
111 x 367 x 719 mm		
	No   -   No   Aluminum die cast   Polycarbonate   Polycarbonate   Gray   Side-entry for diameter 48 to 60 mm   Ball, globular   Clear   719 mm   367 mm   111 mm   0.23 m²	No Protection class IEC   No Initial Performance (IEC Compliant   No Luminous flux tolerance   Initial chromaticity Power consumption tolerance   Aluminum die cast Product Data   Polycarbonate Order product name   Gray Full product code   Ball, globular Order code   Clear Material Nr. (12NC)   719 mm Numerator - Quantity Per Pack   367 mm EAN/UPC - Product/Case   111 mm Numerator - Packs per outer box   0.23 m² EAN/UPC - Case

**Dimensional drawing** 





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